

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Yolo County Service Area 6

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Yolo County Service Area 6

| Waterway | | | Bank | Unit Miles |
|---|-------------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | | | Right | 5.87 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 3/15/2018 - 3/15/2018 | | | |
| DWR Inspector | Zach Jojola | | | |
| Accompanied By | Casey Leibler Yolo County | | | |
| | Elisa Sabatini Yolo County | | | |
| | Thomas Engler MBK | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 33 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | | |
| DWR ID | DWR_NA0022_01_s _ 2013_33 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| Yolo County has copies of the O&M manuals. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 34 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | | |
| DWR ID | DWR_NA0022_01_s _ 2013_34 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| Yolo County OES has a written flood response plan and flood response training. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 38 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | | |
| DWR ID | DWR_NA0022_01_s _ 2012_38 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| Yolo County OES has a stockpile of flood response material. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.05 | Rating ** | M | Issue No. | 54 |
| LM End | 0.18 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation | | 38.799781 ° | 38.801047 ° | |
| | | | -121.723965 ° | -121.722392 ° | |
| DWR ID | DWR_NA0022_01_s_2018_54 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.07 | Rating ** | C | Issue No. | 66 |
| LM End | 0.12 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trim / Thin Trees | | 38.799994 ° | 38.800577 ° | |
| | | | -121.723866 ° | -121.723268 ° | |
| DWR ID | DWR_NA0022_01_s_2017_66 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.13 | Rating ** | M | Issue No. | 58 |
| LM End | 0.13 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.800621 ° | 38.800621 ° | |
| | | | -121.723211 ° | -121.723211 ° | |
| DWR ID | DWR_NA0022_01_f_2017_58 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.13 | Rating ** | M | Issue No. | 396 | |
| LM End | 0.13 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.800647 ° | 38.800647 ° | |
| | | | | -121.723212 ° | -121.723212 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31903 | | | | | | |
| DS_ID:19515 | | | | | | |
| EP_NO: 9425 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee. | | | | | | |
| FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Pump structure in the channel. 8-inch pipe replaced by a 4-inch pipe. (Retention of an 8-inch steel pipe through the levee and a pump on a platform on the waterside [WS] authorized under Automatic Board Order (ABO) issued as Permit No. 9425, 1974 - Albert E. Nuttall). [Additional Reference(s): DWR Levee Log, 2005]. | | | | | | |
| FS Date: 3/4/2014 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.13 | Rating ** | M | Issue No. | 396 (cont) |
| LM End | 0.13 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31903_58222.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2018_31903_58221.jpg



Overview of levee crown looking at crossing.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.13 | Rating ** | M | Issue No. | 396 (cont) | |
| LM End | 0.13 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.800647 ° | 38.800647 ° | |
| | | | | -121.723212 ° | -121.723212 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31903 | | | | | | |
| DS_ID:19515 | | | | | | |
| EP_NO: 9425 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee. | | | | | | |
| FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Pump structure in the channel. 8-inch pipe replaced by a 4-inch pipe. (Retention of an 8-inch steel pipe through the levee and a pump on a platform on the waterside [WS] authorized under Automatic Board Order (ABO) issued as Permit No. 9425, 1974 - Albert E. Nuttall). [Additional Reference(s): DWR Levee Log, 2005]. | | | | | | |
| FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31903_58220.jpg



View of waterward side.

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.13 | Rating ** | M | Issue No. | 6 |
| LM End | 0.20 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.800645 ° | 38.801336 ° |
| | | | | -121.723172 ° | -121.722106 ° |
| DWR ID | DWR_NA0022_01_s_2012_6 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Trim trees to allow visibility. Yolo County working to trim trees. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_6_20180306_00007.jpg



View of the vegetation and trees on the waterward side of the levee looking downstream. Fall 2015.

| | | | | | |
|--|--|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.21 | Rating ** | M | Issue No. | 397 |
| LM End | 0.21 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801280 ° | 38.801280 ° |
| | | | | -121.722000 ° | -121.722000 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31904 DS_ID:19516 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to properly abandon per Title 23 if corssing is no longer used--debris inside concrete box and near site. Need to contact owner. FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14.5 feet below the crown. Slide gate in a concrete box on the waterside (WS) bank. (Automatic Board Order (ABO) issued as Permit No. Unknown, 1976 - Wallace) [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.21 | Rating ** | M | Issue No. | 397 (cont) |
| LM End | 0.21 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31904_58228.jpg



Pipe section with holes abandoned on waterward side.

Photo 2 of 3 : UCIP_SP_2018_31904_58227.jpg



View of waterward toe photo taken from bridge.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.21 | Rating ** | M | Issue No. | 397 (cont) |
| LM End | 0.21 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801280 ° | 38.801280 ° |
| | | | | -121.722000 ° | -121.722000 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31904 DS_ID:19516 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to properly abandon per Title 23 if corssing is no longer used--debris inside concrete box and near site. Need to contact owner. FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14.5 feet below the crown. Slide gate in a concrete box on the waterside (WS) bank. (Automatic Board Order (ABO) issued as Permit No. Unknown, 1976 - Wallace) [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31904_58226.jpg



Concrete box located on waterward side.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.22 | Rating ** | M | Issue No. | 28 |
| LM End | 0.25 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801394 ° | 38.801613 ° |
| | | | | -121.721918 ° | -121.721328 ° |
| DWR ID | DWR_NA0022_01_s_2012_28 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| RV park runs on and along levee to bridge. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_28_20180306_00023.jpg



The RV park is encroached into the levee crown. Fall 2013

| | | | | | |
|--|--|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.22 | Rating ** | M | Issue No. | 28 (cont) | |
| LM End | 0.25 | Issue Type + | En | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Encroachments | | | 38.801394 ° | | 38.801613 ° |
| | | | | -121.721918 ° | | -121.721328 ° |
| DWR ID | DWR_NA0022_01_s_2012_28 | | | | | |
| Comment Code | | | | | | |
| BU : Building | | | | | | |
| Inspector Comment | | | | | | |
| RV park runs on and along levee to bridge. | | | | | | |

Photo 2 of 2 : SP_2018_NA0022_350_28_20180306_00024.jpg



Trailers on the crown of the levee. Spring 2014

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.24 | Rating ** | M | Issue No. | 56 |
| LM End | 0.24 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801530 ° | 38.801530 ° |
| | | | | -121.721431 ° | -121.721431 ° |
| DWR ID | DWR_NA0022_01_s_2018_56 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Fish cleaning station at waterside toe. | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.25 | Rating ** | M | Issue No. | 59 |
| LM End | 0.25 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801588 ° | 38.801588 ° |
| | | | | -121.721353 ° | -121.721353 ° |
| DWR ID | DWR_NA0022_01_f_2017_59 | | | | |
| Comment Code | | | | | |
| ST : Stairway | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_59_20180306_00039.jpg



View of stairs on landside slope. Fall 2017.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 0.26 | Rating ** | M | Issue No. | 398 |
| LM End | 0.26 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801597° | 38.801597° |
| | | | | -121.721226° | -121.721226° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:45403
DS_ID:19513
EP_NO: 9424
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Unable to determine alignment of crossing--it's either through levee or along landward side. It appears that the waterline goes along landward side. Need to contact owner to obtain additional information about crossing. 2 inch metal pipe sticking out at the waterward berm edge.
FIELD_STRUCT_DESC: Water pipe of an unknown size or material through the levee, at an unknown depth. Faucets on the landside (LS) slope. (Retention of an underground water pipe and faucet on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 9424, 1974 - O. H. Ivey). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 3/4/2014

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.26 | Rating ** | M | Issue No. | 398 (cont) |
| LM End | 0.26 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_45403_60805.jpg



Spigot located on landward side.

Photo 2 of 3 : UCIP_SP_2018_45403_60804.jpg



Spigot located on landward toe.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.26 | Rating ** | M | Issue No. | 398 (cont) | |
| LM End | 0.26 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.801597 ° | 38.801597 ° | |
| | | | | -121.721226 ° | -121.721226 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:45403 DS_ID:19513 EP_NO: 9424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing--it's either through levee or along landward side. It appears that the waterline goes along landward side. Need to contact owner to obtain additional information about crossing. 2 inch metal pipe sticking out at the waterward berm edge. FIELD_STRUCT_DESC: Water pipe of an unknown size or material through the levee, at an unknown depth. Faucets on the landside (LS) slope. (Retention of an underground water pipe and faucet on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 9424, 1974 - O. H. Ivey). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_45403_60803.jpg



View of waterward side.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.26 | Rating ** | M | Issue No. | 60 |
| LM End | 0.26 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801605 ° | 38.801605 ° |
| | | | | -121.721059 ° | -121.721059 ° |
| DWR ID | DWR_NA0022_01_f_2017_60 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Sitting bench with posts set in concrete on levee crown. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.29 | Rating ** | N | Issue No. | 150 |
| LM End | 0.29 | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.801637 ° | 38.801637 ° |
| | | | | -121.720605 ° | -121.720605 ° |
| DWR ID | DWR_NA0022_01_s_2017_150 | | | | |
| Comment Code | | | | | |
| T5 : Tree stumps. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.29 | Rating ** | M | Issue No. | 62 |
| LM End | 0.29 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801649 ° | 38.801649 ° |
| | | | | -121.720553 ° | -121.720553 ° |
| DWR ID | DWR_NA0022_01_f_2017_62 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| CVFPB enforcement item 2016-10754. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_62_20180306_00041.jpg



View of fence at landside toe. Fall 2017.

| | | | | | |
|------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.31 | Rating ** | M | Issue No. | 61 |
| LM End | 0.31 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801721 ° | 38.801721 ° |
| | | | | -121.720271 ° | -121.720271 ° |
| DWR ID | DWR_NA0022_01_f_2017_61 | | | | |
| Comment Code | | | | | |
| ST : Stairway | | | | | |
| Inspector Comment | | | | | |
| CVFPB enforcement item 2016-10754. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_61_20180306_00040.jpg



View of stairs on landside slope. Fall 2017.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.33 | Rating ** | M | Issue No. | 399 |
| LM End | 0.33 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801867 ° | 38.801867 ° |
| | | | | -121.719923 ° | -121.719923 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31906 DS_ID:19534 EP_NO: 17016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm crossing alignment--steel pipe visible on waterward side however, unable to confirm if crossing is the same one found during field confirmation. Need to contact owner to verify alignment and status of crossing. Slope was too steep to verify and obtain additional information about pipe. FIELD_STRUCT_DESC: Three 2-inch and three 1.5-inch fiber optics conduits through the levee, encased in a single high-density polyethylene (HDPE) casing, 30 feet below the crown. Concrete cap on each end of the HDPE casing. Voids in the HDPE casing grouted. (Plans to install three 2-inch and three 1.5-inch fiber optics conduits within a casing across and bored under the Sacramento River and its levees authorized under Permit No. 17016, 2000 - Worldwide Fiber). FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.33 | Rating ** | M | Issue No. | 399 (cont) |
| LM End | 0.33 | Issue Type + | En | Location * | |

Photo 1 of 2 : UCIP_SP_2018_31906_58238.jpg



Steel pipe located on waterward side--pipe disconnected.

Photo 2 of 2 : UCIP_SP_2018_31906_58237.jpg



No pipe attached along bridge.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.35 | Rating ** | M | Issue No. | 26 |
| LM End | 0.39 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801886 ° | 38.802020 ° |
| | | | | -121.719588 ° | -121.718889 ° |
| DWR ID | DWR_NA0022_01_s_2012_26 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| Apartments with chainlink fence with lathe woven into it. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_26_20180306_00022.jpg



The apartments and fence along the toe of the levee. Fall 2013

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.35 | Rating ** | M | Issue No. | 102 |
| LM End | 0.48 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.801887 ° | 38.802225 ° |
| | | | | -121.719587 ° | -121.717186 ° |
| DWR ID | DWR_NA0022_01_s_2016_102 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove trees less than 4" in diameter at chest height. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_102_20180306_00064.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.38 | Rating ** | C | Issue No. | 14 |
| LM End | 0.38 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801985 ° | 38.801985 ° |
| | | | | -121.719048 ° | -121.719048 ° |
| DWR ID | DWR_NA0022_01_f_2017_14 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Rolled up chain link fence left on crown. It appears that the fence was removed from the adjacent apartments. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-----------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.40 | Rating ** | M | Issue No. | 71 |
| LM End | 0.40 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.802052 ° | 38.802052 ° |
| | | | | -121.718624 ° | -121.718624 ° |
| DWR ID | DWR_NA0022_01_f_2016_71 | | | | |
| Comment Code | | | | | |
| EQ : Equipment | | | | | |
| Inspector Comment | | | | | |
| USACE trailers on waterside berm. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_71_20180306_00043.jpg



Vehicles and equipment on waterward side of the levee. Fall inspection 10/07/2016.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.41 | Rating ** | M | Issue No. | 104 |
| LM End | 0.43 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.802066 ° | 38.802126 ° |
| | | | | -121.718477 ° | -121.718133 ° |
| DWR ID | DWR_NA0022_01_s_2016_104 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_104_20180306_00065.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.50 | Rating ** | M | Issue No. | 395 |
| LM End | 0.54 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.802120 ° | 38.801882 ° |
| | | | | -121.716867 ° | -121.716165 ° |
| DWR ID | DWR_NA0022_01_f_2013_395 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_395_20180306_00076.jpg



Material blocking visibility on the waterside of the levee. Fall 2013

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 400 |
| LM End | 0.51 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.802062 ° | 38.802062 ° |
| | | | | -121.716740 ° | -121.716740 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31627 DS_ID:19544 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if signs of crossing are for the same crossing listed here. Need to contact owner and determine additional information about crossing. Also found is service box for water line--need permit and alignment confirmation. FIELD_STRUCT_DESC: 10-inch steel pipe of an unknown purpose through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 285+27)]. FS Date: 3/4/2014 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_31627_57881.jpg



View of landward side. Alignment is visible on paved road.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 400 (cont) |
| LM End | 0.51 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_31627_57880.jpg



View of waterward side. Alignment is visible on paved road.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.51 | Rating ** | M | Issue No. | 400 (cont) |
| LM End | 0.51 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.802062 ° | 38.802062 ° |
| | | | | -121.716740 ° | -121.716740 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31627 DS_ID:19544 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if signs of crossing are for the same crossing listed here. Need to contact owner and determine additional information about crossing. Also found is service box for water line--need permit and alignment confirmation. FIELD_STRUCT_DESC: 10-inch steel pipe of an unknown purpose through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 285+27)]. FS Date: 3/4/2014 | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31627_57879.jpg



Service box located on waterward side near fence post.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.52 | Rating ** | U | Issue No. | 63 |
| LM End | 0.53 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801980 ° | 38.801929 ° |
| | | | | -121.716502 ° | -121.716330 ° |
| DWR ID | DWR_NA0022_01_f_2017_63 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.54 | Rating ** | M | Issue No. | 24 |
| LM End | 0.57 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801910 ° | 38.801823 ° |
| | | | | -121.716170 ° | -121.715683 ° |
| DWR ID | DWR_NA0022_01_s_2012_24 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| Chain link fence on levee crown. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_24_20180306_00021.jpg



View of chain link fence on crown. Fall 2013.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.55 | Rating ** | M | Issue No. | 401 |
| LM End | 0.55 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801855 ° | 38.801855 ° |
| | | | | -121.716003 ° | -121.716003 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38995 DS_ID:19553 EP_NO: 17649 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 1 inch line visible on landward side (38.801855, -121.716003) unable to confirm if line is the line authorized. Need to contact owner to confirm installation and size. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch water line of an unknown material through the levee, 2 feet below the crown. (Plans to install a 4-inch sewer line and a 1.5-inch water line through the levee authorized under Permit No. 17649, 2004 - Gerald R. Rose). FS Date: 3/4/2014 | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.56 | Rating ** | A/W | Issue No. | 23 |
| LM End | 0.64 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801965 ° | 38.801468 ° |
| | | | | -121.715705 ° | -121.714348 ° |
| DWR ID | DWR_NA0022_01_s_2012_23 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| Yolo Sutter Yacht Club Permit No. 2778. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_23_20180306_00020.jpg

View of the Yacht club on the crown of the levee looking downstream.
Fall 2015.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.57 | Rating ** | U | Issue No. | 22 |
| LM End | 0.72 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.801815 ° | 38.800928 ° |
| | | | | -121.715628 ° | -121.712991 ° |
| DWR ID | DWR_NA0022_01_s_2012_22 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Oleander hedge completely blocks visibility and access on landside slope. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_22_20180306_00019.jpg



Oleanders along the shoulder.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.57 | Rating ** | M | Issue No. | 402 |
| LM End | 0.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801798 ° | 38.801798 ° |
| | | | | -121.715584 ° | -121.715584 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38188 | | | | | |
| DS_ID:19519 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements. | | | | | |
| FIELD_STRUCT_DESC: 10-inch pipe of an unknown material or purpose through the levee, 3.3 feet below the crown. 24-inch concrete riser on the landside (LS). Plate welded on the waterside (WS) end in 1975. [Additional Reference(s): DWR Levee Log, 2005]. | | | | | |
| FS Date: 3/4/2014 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_38188_69562.jpg



View of waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.57 | Rating ** | M | Issue No. | 402 (cont) |
| LM End | 0.57 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_38188_69560.jpg



View of waterward slope. Large hole visible on waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.57 | Rating ** | M | Issue No. | 402 (cont) |
| LM End | 0.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.801798 ° | 38.801798 ° |
| | | | | -121.715584 ° | -121.715584 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38188 | | | | | |
| DS_ID:19519 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements. | | | | | |
| FIELD_STRUCT_DESC: 10-inch pipe of an unknown material or purpose through the levee, 3.3 feet below the crown. 24-inch concrete riser on the landside (LS). Plate welded on the waterside (WS) end in 1975. [Additional Reference(s): DWR Levee Log, 2005]. | | | | | |
| FS Date: 3/4/2014 | | | | | |

Photo 3 of 3 : UCIP_SP_2018_38188_69561.jpg



Residential property standpipe located behind fence.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.63 | Rating ** | M | Issue No. | 64 |
| LM End | 0.63 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801485 ° | 38.801485 ° |
| | | | | -121.714621 ° | -121.714621 ° |
| DWR ID | DWR_NA0022_01_s_2018_64 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Deck on crown. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_64_20180315_00142.jpg



View of deck on the crown. Spring 2018.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 70 |
| LM End | 0.65 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.801372 ° | 38.801372 ° |
| | | | | -121.714247 ° | -121.714247 ° |
| DWR ID | DWR_NA0022_01_f_2015_70 | | | | |
| Comment Code | | | | | |
| FW : Firewood | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_70_20180306_00042.jpg



View of the firewood on the landward side of the levee looking downstream. Fall 2015.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.67 | Rating ** | C | Issue No. | 67 |
| LM End | 0.72 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.801253 ° | 38.800959 ° |
| | | | | -121.713982 ° | -121.713063 ° |
| DWR ID | DWR_NA0022_01_f_2017_67 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.70 | Rating ** | M | Issue No. | 65 |
| LM End | 0.70 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.801039 ° | 38.801039 ° |
| | | | | -121.713391 ° | -121.713391 ° |
| DWR ID | DWR_NA0022_01_s_2018_65 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.81 | Rating ** | C | Issue No. | 73 |
| LM End | 0.81 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.800568 ° | 38.800568 ° |
| | | | | -121.711388 ° | -121.711388 ° |
| DWR ID | DWR_NA0022_01_s_2015_73 | | | | |
| Comment Code | | | | | |
| EQ : Equipment | | | | | |
| Inspector Comment | | | | | |
| There are beehives on the landward side of the levee. | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.93 | Rating ** | M | Issue No. | 403 |
| LM End | 0.93 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.800200 ° | 38.800200 ° |
| | | | | -121.709258 ° | -121.709258 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31969 DS_ID:19540 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed. FIELD_STRUCT_DESC: 14-inch steel irrigation discharge pipe through the levee, 4.6 feet below the crown. Pump and valve on the riverbank. See DS_ID 19521. (Plans for installation of an angle mount low-lift pump and structure to replace an existing portable pumping plant, which will be connected to the existing 14-inch discharge pipe through the levee authorized under Permit No. 3798, 1961 - Alta Morris). [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 266+72.2)]. FS Date: 3/4/2014 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_31969_58410.jpg



View of waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.93 | Rating ** | M | Issue No. | 403 (cont) | |
| LM End | 0.93 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.800200 ° | 38.800200 ° | |
| | | | | -121.709258 ° | -121.709258 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31969 | | | | | | |
| DS_ID:19540 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed. | | | | | | |
| FIELD_STRUCT_DESC: 14-inch steel irrigation discharge pipe through the levee, 4.6 feet below the crown. Pump and valve on the riverbank. See DS_ID 19521. (Plans for installation of an angle mount low-lift pump and structure to replace an existing portable pumping plant, which will be connected to the existing 14-inch discharge pipe through the levee authorized under Permit No. 3798, 1961 - Alta Morris). | | | | | | |
| [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 266+72.2)]. | | | | | | |
| FS Date: 3/4/2014 | | | | | | |

Photo 2 of 3 : UCIP_SP_2018_31969_58409.jpg



Pipe located on waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.93 | Rating ** | M | Issue No. | 403 (cont) |
| LM End | 0.93 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_SP_2018_31969_58408.jpg



Pipe junction exposed on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.95 | Rating ** | C | Issue No. | 21 |
| LM End | 1.32 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.800188 ° | 38.802017 ° |
| | | | | -121.708918 ° | -121.702671 ° |
| DWR ID | DWR_NA0022_01_s _ 2012_21 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Vegetation completely blocks visibility on the landward slope. Remove unwanted vegetation and trim and tin trees for visibility. | | | | | |

No Photos

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.07 | Rating ** | M | Issue No. | 154 |
| LM End | 1.07 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.800364 ° | 38.800364 ° |
| | | | | -121.706751 ° | -121.706751 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_154 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Large tree trunk on waterside levee slope. | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.40 | Rating ** | C | Issue No. | 156 |
| LM End | 1.40 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.802141 ° | 38.802141 ° |
| | | | | -121.701254 ° | -121.701254 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_156 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 69 |
| LM End | 1.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.800988 ° | 38.800988 ° |
| | | | | -121.699597 ° | -121.699597 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_69 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Fallen tree on waterside slope. | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | C | Issue No. | 157 |
| LM End | 1.57 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.800378 ° | 38.800378 ° |
| | | | | -121.699124 ° | -121.699124 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_157 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.70 | Rating ** | C | Issue No. | 111 |
| LM End | 1.73 | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.798683 ° | 38.798263 ° |
| | | | | -121.698232 ° | -121.698103 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_111 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove trees that are less than 4" in diameter at breast height. | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-----|
| LM Start | 1.72 | Rating ** | M | Issue No. | 404 |
| LM End | 1.72 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.798388 ° | 38.798388 ° | |
| | | | -121.698145 ° | -121.698145 ° | |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:31912
DS_ID:19522
EP_NO: 6296
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 12-inch (not 14-inch as indicated in the desk study) coated steel irrigation discharge pipe through the levee, 11.8 feet below the crown. Standard corrugated metal cutoff wall around pipe at centerline of levee. 1.25-inch electrical conduit through the levee. Electrical control panel on the waterside (WS) slope. Slant pump mounted on a steel structure on the riverbank. Siphon breaker on the landside (LS) shoulder. Pipe extends from pump to existing irrigation ditch at the LS toe. (Plans to install a pump and pipe through the levee authorized under Permit No. 6296, 1968 - Emma Collier). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 3/4/2014

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.72 | Rating ** | M | Issue No. | 404 (cont) |
| LM End | 1.72 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31912_58261.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2018_31912_58260.jpg



Riser on landward toe.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.72 | Rating ** | M | Issue No. | 404 (cont) | |
| LM End | 1.72 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.798388 ° | 38.798388 ° | |
| | | | | -121.698145 ° | -121.698145 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31912 DS_ID:19522 EP_NO: 6296 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch (not 14-inch as indicated in the desk study) coated steel irrigation discharge pipe through the levee, 11.8 feet below the crown. Standard corrugated metal cutoff wall around pipe at centerline of levee. 1.25-inch electrical conduit through the levee. Electrical control panel on the waterside (WS) slope. Slant pump mounted on a steel structure on the riverbank. Siphon breaker on the landside (LS) shoulder. Pipe extends from pump to existing irrigation ditch at the LS toe. (Plans to install a pump and pipe through the levee authorized under Permit No. 6296, 1968 - Emma Collier). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31912_58259.jpg



View of waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 1.75 | Rating ** | M | Issue No. | 405 | |
| LM End | 1.75 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.797928 ° | 38.797928 ° | |
| | | | | -121.697992 ° | -121.697992 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38190 | | | | | | |
| DS_ID:19539 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Indicator Found | | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. | | | | | | |
| FIELD_STRUCT_DESC: *ABANDONED* 12-inch corrugated metal irrigation discharge pipe through the levee, at an unknown depth. Gate valve in pump house on the waterside (WS), no pump house found. | | | | | | |
| Crossing was abandoned prior to 1968. [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 224+3.5), 18-inch pipe referenced]. | | | | | | |
| FS Date: 3/4/2014 | | | | | | |

Photo 1 of 3 : UCIP_SP_2018_38190_69563.jpg



View of waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.75 | Rating ** | M | Issue No. | 405 (cont) |
| LM End | 1.75 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_38190_69565.jpg



View of waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.75 | Rating ** | M | Issue No. | 405 (cont) | |
| LM End | 1.75 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.797928 ° | 38.797928 ° | |
| | | | | -121.697992 ° | -121.697992 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38190 DS_ID:19539 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch corrugated metal irrigation discharge pipe through the levee, at an unknown depth. Gate valve in pump house on the waterside (WS), no pump house found. Crossing was abandoned prior to 1968. [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 224+3.5), 18-inch pipe referenced]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_38190_69564.jpg



Concrete box located on landward toe.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.77 | Rating ** | M | Issue No. | 112 |
| LM End | 1.77 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.797596 ° | 38.797596 ° |
| | | | | -121.697855 ° | -121.697855 ° |
| DWR ID | DWR_NA0022_01_s_2016_112 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove walnut and oak tree at landside toe that is less than 4" in diameter at chest height. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_112_20180306_00066.jpg



View of the tree at the toe of the levee on the landward side looking downstream. Spring 2016.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.80 | Rating ** | M | Issue No. | 68 |
| LM End | 1.80 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.797282 ° | 38.797282 ° |
| | | | | -121.697636 ° | -121.697636 ° |
| DWR ID | DWR_NA0022_01_f_2017_68 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.81 | Rating ** | M | Issue No. | 114 |
| LM End | 1.81 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.797142 ° | 38.797142 ° |
| | | | | -121.697479 ° | -121.697479 ° |
| DWR ID | DWR_NA0022_01_s_2016_114 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.88 | Rating ** | C | Issue No. | 113 |
| LM End | 1.88 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.796361 ° | 38.796361 ° |
| | | | | -121.696696 ° | -121.696696 ° |
| DWR ID | DWR_NA0022_01_s_2017_113 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.93 | Rating ** | M | Issue No. | 159 |
| LM End | 1.93 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.795827 ° | 38.795827 ° |
| | | | | -121.696117 ° | -121.696117 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_159 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.95 | Rating ** | C | Issue No. | 44 |
| LM End | 1.95 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.795536 ° | 38.795536 ° |
| | | | | -121.695977 ° | -121.695977 ° |
| DWR ID | DWR_NA0022_01_s _ 2013_44 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.96 | Rating ** | M | Issue No. | 119 |
| LM End | 1.96 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.795418 ° | 38.795418 ° |
| | | | | -121.695964 ° | -121.695964 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_119 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Multiple rodent holes on landside slope near toe. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_119_20180306_00069.jpg



Updated view of rodent holes on landside slope. Fall 2017.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------------|--------------|----|------------------------|------------|---------------|
| LM Start | 1.96 | Rating ** | M | Issue No. | 119 (cont) | |
| LM End | 1.96 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Animal Control | | | 38.795418 ° | | 38.795418 ° |
| | | | | -121.695964 ° | | -121.695964 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_119 | | | | | |
| Comment Code | | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | | |
| Inspector Comment | | | | | | |
| Multiple rodent holes on landside slope near toe. | | | | | | |

Photo 2 of 2 : SP_2018_NA0022_350_119_20180306_00070.jpg



View of the rodent hole on the landward side of the levee. Spring 2016.

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.96 | Rating ** | M | Issue No. | 118 |
| LM End | 2.00 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.795360 ° | 38.794760 ° |
| | | | | -121.695952 ° | -121.695781 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_118 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove trees that are less than 4" in diameter at chest height. | | | | | |

No Photos

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.97 | Rating ** | M | Issue No. | 406 |
| LM End | 1.97 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.795248 ° | 38.795248 ° |
| | | | | -121.695958 ° | -121.695958 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe of an unknown material or purpose through the levee, 15.5 feet below the crown. Gate valve on the landside (LS) end. Ramp on the waterside (WS) slope. (Retention of a 30-inch pipe through the levee and a slide gate in a corrugated metal pipe [CMP] riser on both slopes authorized under Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company). Added appurtenances noticed in 2014: pump, metal frame platform, flow meter, and control panel on the WS. Appurtenances could be associated with Permit No. 12804. This appears to be the same entry as DS_ID 19538. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.97 | Rating ** | M | Issue No. | 406 (cont) |
| LM End | 1.97 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_40536_58265.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2018_40536_58264.jpg



View of levee crown at crossing.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.97 | Rating ** | M | Issue No. | 406 (cont) | |
| LM End | 1.97 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.795248 ° | 38.795248 ° | |
| | | | | -121.695958 ° | -121.695958 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe of an unknown material or purpose through the levee, 15.5 feet below the crown. Gate valve on the landside (LS) end. Ramp on the waterside (WS) slope. (Retention of a 30-inch pipe through the levee and a slide gate in a corrugated metal pipe [CMP] riser on both slopes authorized under Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company). Added appurtenances noticed in 2014: pump, metal frame platform, flow meter, and control panel on the WS. Appurtenances could be associated with Permit No. 12804. This appears to be the same entry as DS_ID 19538. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_40536_58263.jpg



View of waterward side.

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.97 | Rating ** | M | Issue No. | 117 |
| LM End | 2.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.795234 ° | 38.793974 ° |
| | | | | -121.695898 ° | -121.695852 ° |
| DWR ID | DWR_NA0022_01_s_2016_117 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_117_20180306_00067.jpg



View of rodent holes on landside slope. Fall 2017.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|--------------------------|--------------|----|------------------------|------------|---------------|
| LM Start | 1.97 | Rating ** | M | Issue No. | 117 (cont) | |
| LM End | 2.06 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Animal Control | | | 38.795234 ° | | 38.793974 ° |
| | | | | -121.695898 ° | | -121.695852 ° |
| DWR ID | DWR_NA0022_01_s_2016_117 | | | | | |
| Comment Code | | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |

Photo 2 of 2 : SP_2018_NA0022_350_117_20180306_00068.jpg



Series of animal burrows on LS slope of the levee. Fall inspection 10/07/2016.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.03 | Rating ** | M | Issue No. | 19 |
| LM End | 2.04 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.794344 ° | 38.794259 ° |
| | | | | -121.695670 ° | -121.695672 ° |
| DWR ID | DWR_NA0022_01_s_2012_19 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_19_20180306_00017.jpg



Trees and brush obstruct visibility on the berm area. Spring 2014

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.04 | Rating ** | M | Issue No. | 407 |
| LM End | 2.04 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.794288 ° | 38.794288 ° |
| | | | | -121.695678 ° | -121.695678 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31632 DS_ID:19523 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Erosion at outlet. Unable to determine if crossing is still in use. Will need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 30-inch corrugated metal gravity irrigation pipe through the levee, 13.5 feet below the crown. Slide gate on each end in a 48-inch corrugated metal pipe (CMP) riser. (Retention of a 30-inch pipe through the levee and a slide gate in a corrugated metal pipe [CMP] riser on both slopes authorized under Automatic Board Order (ABO) issued as Permit No. 9413, 1974 - Wallace Construction Company. Plans to relocate an existing incline irrigation pumping plant authorized under Permit No. 12804, 1979 - Wallace Construction Company). Pumping plant appears to be located at CLM 1.969, and pipe runs along the waterside (WS) berm and discharges into a ditch where the 30-inch pipe is used to convey the irrigation water to the landside (LS). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.04 | Rating ** | M | Issue No. | 407 (cont) |
| LM End | 2.04 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31632_57905.jpg



Outlet located on landward toe.

Photo 2 of 3 : UCIP_SP_2018_31632_57903.jpg



Overview of levee crown at crossing.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.06 | Rating ** | M | Issue No. | 408 |
| LM End | 2.06 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.794035 ° | 38.794035 ° |
| | | | | -121.695870 ° | -121.695870 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch corrugated metal gravity drainage pipe through the levee, at an unknown depth. 20-inch gate valve on the landside (LS) slope. This crossing could be the same record as DS_ID 19524 - unable to confirm. [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 208+15)]. FS Date: 3/4/2014 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_31915_58270.jpg



Slide gate inside canal.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.06 | Rating ** | M | Issue No. | 408 (cont) |
| LM End | 2.06 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_31915_58269.jpg



View of canal runs parallel on landward toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|------------|---------------|
| LM Start | 2.06 | Rating ** | M | Issue No. | 408 (cont) | |
| LM End | 2.06 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.794035 ° | | 38.794035 ° |
| | | | | -121.695870 ° | | -121.695870 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch corrugated metal gravity drainage pipe through the levee, at an unknown depth. 20-inch gate valve on the landside (LS) slope. This crossing could be the same record as DS_ID 19524 - unable to confirm. [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 208+15)]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31915_58272.jpg



View of landward side.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.07 | Rating ** | C | Issue No. | 88 |
| LM End | 2.08 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.793932 ° | 38.793803 ° |
| | | | | -121.695919 ° | -121.696066 ° |
| DWR ID | DWR_NA0022_01_s_2016_88 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove trees that are less than 4" in diameter at breast height. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.11 | Rating ** | M | Issue No. | 76 |
| LM End | 2.11 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.793379 ° | 38.793379 ° |
| | | | | -121.696158 ° | -121.696158 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_76 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.14 | Rating ** | M | Issue No. | 8 |
| LM End | 2.18 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.792956 ° | 38.792520 ° |
| | | | | -121.696025 ° | -121.695581 ° |
| DWR ID | DWR_NA0022_01_s _ 2012_8 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| More than 5 holes on 25-foot stretch. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_8_20180315_00143.jpg



View of rodent holes on the landside slope. Spring 2018.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 2.14 | Rating ** | M | Issue No. | 8 (cont) |
| LM End | 2.18 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_8_20180306_00009.jpg



View of rodent holes on landside slope. Fall 2017.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.18 | Rating ** | M | Issue No. | 39 |
| LM End | 2.18 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.792520 ° | 38.792520 ° |
| | | | | -121.695578 ° | -121.695578 ° |
| DWR ID | DWR_NA0022_01_s_2012_39 | | | | |
| Comment Code | | | | | |
| FW : Firewood | | | | | |
| Inspector Comment | | | | | |
| Firewood is placed at the levee toe. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_39_20180306_00030.jpg



View of the growing firewood at the toe of the landward side of the levee looking downstream. Fall 2015.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.18 | Rating ** | M | Issue No. | 40 |
| LM End | 2.18 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.792499 ° | 38.792499 ° |
| | | | | -121.695508 ° | -121.695508 ° |
| DWR ID | DWR_NA0022_01_s_2012_40 | | | | |
| Comment Code | | | | | |
| EQ : Equipment | | | | | |
| Inspector Comment | | | | | |
| Equipment is placed at the toe of the levee. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_40_20180306_00031.jpg



An updated view of the equipment on landward side. Fall inspection 10/07/2016.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.18 | Rating ** | M | Issue No. | 40 (cont) |
| LM End | 2.18 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_40_20180306_00032.jpg



View of equipment on the landward side of the levee looking downstream. Fall 2015.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.20 | Rating ** | M | Issue No. | 160 |
| LM End | 2.20 | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.792274 ° | 38.792274 ° |
| | | | | -121.695445 ° | -121.695445 ° |
| DWR ID | DWR_NA0022_01_s_2018_160 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Fallen tree cuttings on waterside and landside levees slopes. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.24 | Rating ** | M | Issue No. | 35 |
| LM End | 2.28 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.791652 ° | 38.791172 ° |
| | | | | -121.695403 ° | -121.695165 ° |
| DWR ID | DWR_NA0022_01_s_2016_35 | | | | |
| Comment Code | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | |
| Inspector Comment | | | | | |
| Repair rills on landward side of the levee. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_35_20180306_00025.jpg



Erosion is on the landward side of the levee. Spring 2016.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.24 | Rating ** | M | Issue No. | 35 (cont) |
| LM End | 2.28 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_35_20180306_00026.jpg



Perspective view of the erosion on the landward side of the levee. Spring 2016.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.30 | Rating ** | M | Issue No. | 92 |
| LM End | 2.30 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.790825 ° | 38.790825 ° |
| | | | | -121.694900 ° | -121.694900 ° |
| DWR ID | DWR_NA0022_01_s_2018_92 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | U | Issue No. | 409 |
| LM End | 2.35 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.790260 ° | 38.790260 ° |
| | | | | -121.694510 ° | -121.694510 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:49982 DS_ID:19525 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 7/13/2016 same as last inspection. Erosion has progressed--Need to coordinate with owner to address erosion on LS toe. (DWR UCIP - omagana)3/04/2014 Surface erosion near concrete box on landward side. Unable to determine if crossing is leaking or if pump is pulling sand from waterward side. Need to contact owner to determine status of crossing and to check integrity of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 4 feet below the crown (1955 levee log indicates crossing is 18.9 feet below the crown). Concrete well and pump house on the waterside (WS). Screw gate in pump house. Slant pump mounted on a steel structure on the riverbank. 4-foot by 4-foot concrete discharge box on the landside (LS) toe. Overhead power line and anchor crosses levee. Pole on each shoulder. (Plans for installation of a pump on the bank and to utilize an existing discharge pipe through the levee authorized under Permit No. 5951, 1967 - Elizabeth Huston). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 192+60)]. FS Date: 7/13/2016 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_49982_57915.jpg



View of LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | U | Issue No. | 409 (cont) |
| LM End | 2.35 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.790260 ° | 38.790260 ° |
| | | | | -121.694510 ° | -121.694510 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:49982
DS_ID:19525
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 7/13/2016 same as last inspection. Erosion has progressed--Need to coordinate with owner to address erosion on LS toe. (DWR UCIP - omagana)3/04/2014 Surface erosion near concrete box on landward side. Unable to determine if crossing is leaking or if pump is pulling sand from waterward side. Need to contact owner to determine status of crossing and to check integrity of crossing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 4 feet below the crown (1955 levee log indicates crossing is 18.9 feet below the crown). Concrete well and pump house on the waterside (WS). Screw gate in pump house. Slant pump mounted on a steel structure on the riverbank. 4-foot by 4-foot concrete discharge box on the landside (LS) toe. Overhead power line and anchor crosses levee. Pole on each shoulder. (Plans for installation of a pump on the bank and to utilize an existing discharge pipe through the levee authorized under Permit No. 5951, 1967 - Elizabeth Huston). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 192+60)].
FS Date: 7/13/2016

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.35 | Rating ** | U | Issue No. | 409 (cont) |
| LM End | 2.35 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_49982_57914.jpg



Slope erosion near concrete box.

Photo 3 of 3 : UCIP_SP_2018_49982_57913.jpg



Outlet located on LS.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 96 |
| LM End | 2.35 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.790206 ° | 38.790206 ° |
| | | | | -121.694534 ° | -121.694534 ° |
| DWR ID | DWR_NA0022_01_f_2015_96 | | | | |
| Comment Code | | | | | |
| E1 : Note and monitor erosion site. | | | | | |
| Inspector Comment | | | | | |
| There seems to be an erosion around the concrete box encasing the pipe. | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 96 (cont) |
| LM End | 2.35 | Issue Type + | Ma | Location * | LS |

Photo 1 of 4 : SP_2018_NA0022_350_96_20180306_00060.jpg



Updated view of erosion on landside slope. Fall 2017.

Photo 2 of 4 : SP_2018_NA0022_350_96_20180306_00061.jpg



Perspective view of the erosion around the pipe on the landward side of the levee looking downstream. Fall 2015.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 96 (cont) |
| LM End | 2.35 | Issue Type + | Ma | Location * | LS |

Photo 3 of 4 : SP_2018_NA0022_350_96_20180306_00062.jpg



The erosion is within the levee prism. Fall 2015.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 2.35 | Rating ** | M | Issue No. | 96 (cont) | |
| LM End | 2.35 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Erosion / Bank Caving | | | 38.790206 ° | 38.790206 ° | |
| | | | | -121.694534 ° | -121.694534 ° | |
| DWR ID | DWR_NA0022_01_f_2015_96 | | | | | |
| Comment Code | | | | | | |
| E1 : Note and monitor erosion site. | | | | | | |
| Inspector Comment | | | | | | |
| There seems to be an erosion around the concrete box encasing the pipe. | | | | | | |

Photo 4 of 4 : SP_2018_NA0022_350_96_20180306_00063.jpg



View of the pipe in the concrete box. Fall 2015.

| | | | | | |
|----------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.37 | Rating ** | M | Issue No. | 75 |
| LM End | 2.37 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.790009 ° | 38.790009 ° |
| | | | | -121.694554 ° | -121.694554 ° |
| DWR ID | DWR_NA0022_01_s_2018_75 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Pipe valve on crown. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.38 | Rating ** | C | Issue No. | 161 |
| LM End | 2.43 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.789850 ° | 38.789151 ° |
| | | | | -121.694572 ° | -121.694479 ° |
| DWR ID | DWR_NA0022_01_s_2017_161 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.41 | Rating ** | A/W | Issue No. | 94 |
| LM End | 2.55 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.789382 ° | 38.787405 ° |
| | | | | -121.694584 ° | -121.694283 ° |
| DWR ID | DWR_NA0022_01_s_2016_94 | | | | |
| Comment Code | | | | | |
| AT : Agricultural tilling | | | | | |
| Inspector Comment | | | | | |
| No tilling was observed during this inspection, but has been prevalent in the past. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_94_20180306_00058.jpg



An updated view of the site where landside slope was tilled due to agricultural activity. Fall inspection 10/07/2016.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 2.41 | Rating ** | A/W | Issue No. | 94 (cont) |
| LM End | 2.55 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_94_20180306_00059.jpg



View of the cut at the levee toe on the landward side looking downstream. Spring 2016.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.41 | Rating ** | M | Issue No. | 77 |
| LM End | 2.46 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.789364 ° | 38.788618 ° |
| | | | | -121.694551 ° | -121.694253 ° |
| DWR ID | DWR_NA0022_01_s_2018_77 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.45 | Rating ** | C | Issue No. | 162 |
| LM End | 2.48 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.788819 ° | 38.788336 ° |
| | | | | -121.694344 ° | -121.694231 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_162 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.49 | Rating ** | M | Issue No. | 163 |
| LM End | 2.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.788246 ° | 38.786891 ° |
| | | | | -121.694229 ° | -121.694272 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_163 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.52 | Rating ** | U | Issue No. | 37 |
| LM End | 2.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.787778 ° | 38.787778 ° |
| | | | | -121.694296 ° | -121.694296 ° |
| DWR ID | DWR_NA0022_01_s _ 2014_37 | | | | |
| Comment Code | | | | | |
| T5 : Tree stumps. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_37_20180306_00029.jpg



Tree stump decomposing and may pose a risk to the levee. Spring 2014

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.52 | Rating ** | U | Issue No. | 123 |
| LM End | 2.52 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.787768 ° | 38.787768 ° |
| | | | | -121.694295 ° | -121.694295 ° |
| DWR ID | DWR_NA0022_01_s_2016_123 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_123_20180306_00071.jpg



View of the rodent hole next to a tree stump on the landward side of the levee. Spring 2016.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.52 | Rating ** | U | Issue No. | 123 (cont) |
| LM End | 2.52 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_123_20180306_00072.jpg



Perspective view of the rodent hole looking upstream. Spring 2016.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.58 | Rating ** | M | Issue No. | 11 |
| LM End | 2.58 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.787012 ° | 38.787012 ° |
| | | | | -121.694262 ° | -121.694262 ° |
| DWR ID | DWR_NA0022_01_s_2012_11 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_11_20180306_00013.jpg



Garage at toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.59 | Rating ** | M | Issue No. | 124 |
| LM End | 2.59 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.786780 ° | 38.786780 ° |
| | | | | -121.694317 ° | -121.694317 ° |
| DWR ID | DWR_NA0022_01_s_2016_124 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_124_20180306_00073.jpg



View of the cacti and trees at the toe of the levee on the landward side looking downstream. Spring 2016.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.67 | Rating ** | C | Issue No. | 87 |
| LM End | 2.67 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.785657 ° | 38.785657 ° |
| | | | | -121.694313 ° | -121.694313 ° |
| DWR ID | DWR_NA0022_01_s_2012_87 | | | | |
| Comment Code | | | | | |
| E2 : Schedule repair of erosion site prior to the next inspection. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.87 | Rating ** | M | Issue No. | 52 |
| LM End | 2.89 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.783571 ° | 38.783345 ° |
| | | | | -121.692110 ° | -121.691941 ° |
| DWR ID | DWR_NA0022_01_f_2013_52 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_52_20180315_00144.jpg



View of rodent holes on the landside slope. Spring 2018.

| | | | | | |
|---|--|---|--|--|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side WS : Water Side CR : Crown | | A : Acceptable M : Minimally Acceptable U : Unacceptable | | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| N/A : Not Applicable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.91 | Rating ** | M | Issue No. | 129 |
| LM End | 2.98 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.783059 ° | 38.782464 ° |
| | | | | -121.691644 ° | -121.690680 ° |
| DWR ID | DWR_NA0022_01_s_2016_129 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove trees less than 4" in diameter at chest height. | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.06 | Rating ** | M | Issue No. | 12 |
| LM End | 3.14 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.781828 ° | 38.780852 ° |
| | | | | -121.689415 ° | -121.688887 ° |
| DWR ID | DWR_NA0022_01_f_2017_12 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_12_20180306_00014.jpg



Buildings are located at the toe of the levee. Fall 2012

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.06 | Rating ** | M | Issue No. | 12 (cont) |
| LM End | 3.14 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : SP_2018_NA0022_350_12_20180306_00015.jpg



The buildings are encroaching into the levee slope.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.11 | Rating ** | M | Issue No. | 72 |
| LM End | 3.11 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.781165 ° | 38.781165 ° |
| | | | | -121.689072 ° | -121.689072 ° |
| DWR ID | DWR_NA0022_01_f_2017_72 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.14 | Rating ** | M | Issue No. | 47 |
| LM End | 3.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.780857 ° | 38.780857 ° |
| | | | | -121.688921 ° | -121.688921 ° |
| DWR ID | DWR_NA0022_01_s_2015_47 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| The tree has fallen over from Spring 2014. | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_47_20180306_00034.jpg



Some trees have fallen and others are dying and need to be monitored.
The trees may pose a threat to the levee. Spring 2014

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 3.14 | Rating ** | M | Issue No. | 47 (cont) |
| LM End | 3.14 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2018_NA0022_350_47_20180306_00035.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.18 | Rating ** | M | Issue No. | 5 |
| LM End | 3.28 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.780407 ° | 38.779137 ° |
| | | | | -121.688238 ° | -121.687432 ° |
| DWR ID | DWR_NA0022_01_s_2016_5 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011 - Minor new erosion. 2012 - Slope continues to steepen, tree roots have become exposed, and new eddy formed. 2015: No observed changes. [2015 Site ID: SAC_86-9_R] | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_5_20180306_00006.jpg



USACE 2013 Photo #1

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.20 | Rating ** | M | Issue No. | 15 |
| LM End | 3.20 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.780032 ° | 38.780032 ° |
| | | | | -121.688508 ° | -121.688508 ° |
| DWR ID | DWR_NA0022_01_s_2016_15 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_15_20180306_00016.jpg



View of the fallen tree on the waterward slope of the levee looking downstream. Spring 2016.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.23 | Rating ** | M | Issue No. | 410 | |
| LM End | 3.23 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.779625 ° | 38.779625 ° | |
| | | | | -121.688090 ° | -121.688090 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch coated steel irrigation discharge pipe through the levee, 4 feet below the crown. Metal cutoff wall. Pump on the waterside (WS). Gate valve on the WS slope. Siphon breaker in an 18-inch concrete riser on the landside (LS) slope. 36-inch concrete standpipe at the LS toe. (Previous pipe referenced as USACE O&M irrigation pipe, Station 144+80, was removed and a 12-inch pipe was reinstalled under Permit No. 3205, 1959 - Mary A. Richardson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014 | | | | | | |

Photo 1 of 3 : UCIP_SP_2018_39858_71841.jpg



View of waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.23 | Rating ** | M | Issue No. | 410 (cont) |
| LM End | 3.23 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_39858_71840.jpg



Positive closure device is buried on waterward side.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.23 | Rating ** | M | Issue No. | 410 (cont) | |
| LM End | 3.23 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.779625 ° | 38.779625 ° | |
| | | | | -121.688090 ° | -121.688090 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch coated steel irrigation discharge pipe through the levee, 4 feet below the crown. Metal cutoff wall. Pump on the waterside (WS). Gate valve on the WS slope. Siphon breaker in an 18-inch concrete riser on the landside (LS) slope. 36-inch concrete standpipe at the LS toe. (Previous pipe referenced as USACE O&M irrigation pipe, Station 144+80, was removed and a 12-inch pipe was reinstalled under Permit No. 3205, 1959 - Mary A. Richardson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_39858_71845.jpg



Pipe section visible on waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.24 | Rating ** | M | Issue No. | 411 |
| LM End | 3.24 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.779543 ° | 38.779543 ° |
| | | | | -121.688170 ° | -121.688170 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31916 DS_ID:19545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23. FIELD_STRUCT_DESC: *REMOVED* 12-inch steel irrigation discharge pipe through the levee, at an unknown depth. Pump on the waterside (WS). Concrete standpipe on the landside (LS). (Previous pipe referenced as USACE O&M irrigation pipe, Station 144+80, was removed and a 12-inch pipe was reinstalled under Permit No. 3205, 1959 - Mary A. Richardson). [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014 | | | | | |

Photo 1 of 3 : UCIP_SP_2018_31916_58275.jpg



View of landward side.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.24 | Rating ** | M | Issue No. | 411 (cont) |
| LM End | 3.24 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_SP_2018_31916_58274.jpg



View of waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.24 | Rating ** | M | Issue No. | 411 (cont) | |
| LM End | 3.24 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.779543 ° | 38.779543 ° | |
| | | | | -121.688170 ° | -121.688170 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31916 DS_ID:19545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23. FIELD_STRUCT_DESC: *REMOVED* 12-inch steel irrigation discharge pipe through the levee, at an unknown depth. Pump on the waterside (WS). Concrete standpipe on the landside (LS). (Previous pipe referenced as USACE O&M irrigation pipe, Station 144+80, was removed and a 12-inch pipe was reinstalled under Permit No. 3205, 1959 - Mary A. Richardson). [Additional Reference(s): USACE Sacramento O&M Manual 127, June 1953, (Station 144+80)]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31916_58273.jpg



Pipe section visible on waterward side.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.25 | Rating ** | M | Issue No. | 43 |
| LM End | 3.25 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.779344 ° | 38.779344 ° |
| | | | | -121.688062 ° | -121.688062 ° |
| DWR ID | DWR_NA0022_01_s_2017_43 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.41 | Rating ** | M | Issue No. | 79 |
| LM End | 3.41 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 38.777204 ° | 38.777204 ° |
| | | | | -121.687045 ° | -121.687045 ° |
| DWR ID | DWR_NA0022_01_s_2015_79 | | | | |
| Comment Code | | | | | |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Stairs have eroded and turned into a slope stability issue. | | | | | |

Photo 1 of 3 : SP_2018_NA0022_350_79_20180306_00046.jpg



View of the stairs on the landward side of the levee looking downstream. Spring 2015.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.41 | Rating ** | M | Issue No. | 79 (cont) |
| LM End | 3.41 | Issue Type + | Ma | Location * | LS |

Photo 2 of 3 : SP_2018_NA0022_350_79_20180306_00047.jpg



Dirt stairs has eroded and caused a slope stability. Spring 2016.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.41 | Rating ** | M | Issue No. | 79 (cont) |
| LM End | 3.41 | Issue Type + | Ma | Location * | LS |

Photo 3 of 3 : SP_2018_NA0022_350_79_20180306_00048.jpg



Stairwell has eroded more creating erosion issue. Fall inspection 10/07/2016.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.41 | Rating ** | U | Issue No. | 412 | |
| LM End | 3.41 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.777190 ° | 38.777190 ° | |
| | | | | -121.687048 ° | -121.687048 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:52542 DS_ID:19527 EP_NO: 3729 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/24/2017 Received updated photos of site from DWR levee inspector, Z. Jojola. Photos show levee slope has been disturbed where the flow meter is attached to pipe on the WS and section of the levee has not been backfill per Title 23 requirements. Recommend contacting the owner and coordinating with LMA about the issue. Crossing has been upgraded from Non-Urgent to Urgent due to disturbance of levee section. (DWR UCIP - O. Magana)03/04/2014 Crossing has been modified. Need to contact owner to determine additional information pertaining to the modifications. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 10-inch irrigation discharge pipe of an unknown material through the levee, 3 feet below the crown. Metal cutoff wall. 1.5-inch electrical conduit through the levee, 1 foot below the crown. Service pole and meter at the landside (LS) toe. Pump and gate valve on the riverbank with an access ramp. Siphon breaker in a 12-inch concrete riser on the LS shoulder. (Plans for installation of a 10-inch centrifugal pump on the bank with a discharge pipe through the levee authorized under Permit No. 3729, 1961 - Clayton Russell). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.41 | Rating ** | U | Issue No. | 412 (cont) |
| LM End | 3.41 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_52542_58279.jpg



View of landward side, photo 1 of 2.

Photo 2 of 3 : UCIP_SP_2018_52542_58282.jpg



View of landward side, photo 2 of 2.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.41 | Rating ** | U | Issue No. | 412 (cont) | |
| LM End | 3.41 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.777190 ° | 38.777190 ° | |
| | | | | -121.687048 ° | -121.687048 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:52542 | | | | | | |
| DS_ID:19527 | | | | | | |
| EP_NO: 3729 | | | | | | |
| Repair Type: Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: 10/24/2017 Received updated photos of site from DWR levee inspector, Z. Jojola. Photos show levee slope has been disturbed where the flow meter is attached to pipe on the WS and section of the levee has not been backfill per Title 23 requirements. Recommend contacting the owner and coordinating with LMA about the issue. Crossing has been upgraded from Non-Urgent to Urgent due to disturbance of levee section. (DWR UCIP - O. Magana)03/04/2014 Crossing has been modified. Need to contact owner to determine additional information pertaining to the modifications. (DWR UCIP - O. Magana) | | | | | | |
| FIELD_STRUCT_DESC: 10-inch irrigation discharge pipe of an unknown material through the levee, 3 feet below the crown. Metal cutoff wall. 1.5-inch electrical conduit through the levee, 1 foot below the crown. Service pole and meter at the landside (LS) toe. Pump and gate valve on the riverbank with an access ramp. Siphon breaker in a 12-inch concrete riser on the LS shoulder. (Plans for installation of a 10-inch centrifugal pump on the bank with a discharge pipe through the levee authorized under Permit No. 3729, 1961 - Clayton Russell). | | | | | | |
| [Additional Reference(s): DWR Levee Log, 2005]. | | | | | | |
| FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_52542_58281.jpg



Flow meter located on waterward shoulder.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.55 | Rating ** | M | Issue No. | 413 (cont) | |
| LM End | 3.55 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.775208 ° | 38.775208 ° | |
| | | | | -121.687070 ° | -121.687070 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:38996 DS_ID:19528 EP_NO: 3722 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe visible only on waterward side--Pipe needs to be properly abandoned per Title 23. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation discharge pipe through the levee, 3 feet below the crown. Metal cutoff walls at centerline of levee. 1.5-inch electrical conduit through the levee, 1 foot below the crown. Pump and gate valve on the riverbank. Siphon breaker in a 12-inch concrete riser on the landside (LS) shoulder. Pipe connects to an existing 24-inch concrete standpipe at the LS toe. (Plans for construction of a pumping plant on the bank authorized under Permit No. 3722, 1961 - Glen L. and Duane P. Traganza). No standpipe found at the LS toe. In the 1955 levee log, the crossing was referenced as a 10-inch pipe, 5.3 feet below the crown, at HLM 3.60. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_38996_69566.jpg



Abandoned conduit line through levee.

| | | | | | |
|---------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.58 | Rating ** | M | Issue No. | 74 |
| LM End | 3.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.774773 ° | 38.774773 ° |
| | | | | -121.687237 ° | -121.687237 ° |
| DWR ID | DWR_NA0022_01_f_2017_74 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Fallen limb on waterside slope. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

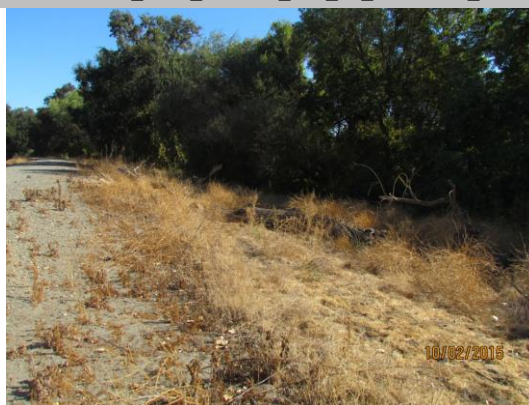
| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.59 | Rating ** | M | Issue No. | 55 |
| LM End | 3.59 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 38.774644 ° | 38.774644 ° |
| | | | | -121.687297 ° | -121.687297 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_55 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.64 | Rating ** | M | Issue No. | 89 |
| LM End | 3.64 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.774008 ° | 38.774008 ° |
| | | | | -121.687701 ° | -121.687701 ° |
| DWR ID | DWR_NA0022_01_s _ 2012_89 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_89_20180306_00057.jpg



View of the fallen tree on the waterward side of the levee looking upstream. Fall 2015.

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.66 | Rating ** | C | Issue No. | 170 |
| LM End | 3.66 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.773742 ° | 38.773742 ° |
| | | | | -121.687897 ° | -121.687897 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_170 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.69 | Rating ** | C | Issue No. | 80 |
| LM End | 3.69 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.773305° | 38.773305° |
| | | | | -121.688266° | -121.688266° |
| DWR ID | DWR_NA0022_01_s _ 2015_80 | | | | |
| Comment Code | | | | | |
| T4 : Trim trees over roadway to at least 12 feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.71 | Rating ** | M | Issue No. | 131 |
| LM End | 3.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.773130 ° | 38.772706 ° |
| | | | | -121.688454 ° | -121.688927 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_131 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove trees less than 4" in diameter at chest height and trim trees. | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.80 | Rating ** | C | Issue No. | 132 |
| LM End | 3.80 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.772128° | 38.772128° |
| | | | | -121.689621° | -121.689621° |
| DWR ID | DWR_NA0022_01_s _ 2016_132 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.90 | Rating ** | M | Issue No. | 78 |
| LM End | 3.90 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.771249 ° | 38.771249 ° |
| | | | | -121.690990 ° | -121.690990 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_78 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.98 | Rating ** | M | Issue No. | 172 |
| LM End | 3.98 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 38.770589 ° | 38.770589 ° |
| | | | | -121.692151 ° | -121.692151 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_172 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.99 | Rating ** | M | Issue No. | 126 |
| LM End | 4.27 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.770412 ° | 38.766975 ° |
| | | | | -121.692378 ° | -121.693050 ° |
| DWR ID | DWR_NA0022_01_f _ 2016_126 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove trees less than 4-inches in diameter at chest height. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.01 | Rating ** | M | Issue No. | 414 |
| LM End | 4.01 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.770295 ° | 38.770295 ° |
| | | | | -121.692580 ° | -121.692580 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38999 | | | | | |
| DS_ID:19529 | | | | | |
| EP_NO: 4570 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. CMP riser damage on waterward slope. | | | | | |
| FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. Metal plate welded on the waterside (WS) end. Pump, 1.5-inch electrical conduit, and gate valve in a concrete U-shaped headwall are located on the riverbank. (Plans to replace existing pump on the riverbank authorized under Permit 7618-A, 1974 - Wallace Construction Company, Inc., care of Laugenour and Meikle). Pipe extends from the pump to a concrete standpipe on the landside (LS). Pipe exposed on the LS slope. Water meter in a 36-inch corrugated metal pipe (CMP) riser on the WS slope. Siphon breaker in a 7-inch metal riser on the LS shoulder. 30-inch concrete riser at the LS toe. Metal cutoff wall installed. (Plans for construction of a pumping plant with a discharge pipe through the levee authorized under Permit No. 4570, 1964 - England Brothers). [Additional Reference(s): DWR Levee Log, 2005]. | | | | | |
| FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 4.01 | Rating ** | M | Issue No. | 414 (cont) |
| LM End | 4.01 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_38999_57948.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2018_38999_57947.jpg



View of waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.01 | Rating ** | M | Issue No. | 414 (cont) |
| LM End | 4.01 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.770295 ° | 38.770295 ° |
| | | | | -121.692580 ° | -121.692580 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:38999 DS_ID:19529 EP_NO: 4570 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. CMP riser damage on waterward slope. FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. Metal plate welded on the waterside (WS) end. Pump, 1.5-inch electrical conduit, and gate valve in a concrete U-shaped headwall are located on the riverbank. (Plans to replace existing pump on the riverbank authorized under Permit 7618-A, 1974 - Wallace Construction Company, Inc., care of Laugenour and Meikle). Pipe extends from the pump to a concrete standpipe on the landside (LS). Pipe exposed on the LS slope. Water meter in a 36-inch corrugated metal pipe (CMP) riser on the WS slope. Siphon breaker in a 7-inch metal riser on the LS shoulder. 30-inch concrete riser at the LS toe. Metal cutoff wall installed. (Plans for construction of a pumping plant with a discharge pipe through the levee authorized under Permit No. 4570, 1964 - England Brothers). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | |

Photo 3 of 3 : UCIP_SP_2018_38999_57946.jpg



View of levee crown at crossing.

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.11 | Rating ** | M | Issue No. | 134 |
| LM End | 4.24 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.769021 ° | 38.767275 ° |
| | | | | -121.693645 ° | -121.693448 ° |
| DWR ID | DWR_NA0022_01_s_2016_134 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------------------------------|-------------------------|--------------|-----|------------------------|--------------|
| LM Start | 4.25 | Rating ** | A/W | Issue No. | 36 |
| LM End | 4.49 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.767125° | 38.764582° |
| | | | | -121.693267° | -121.690285° |
| DWR ID | DWR_NA0022_01_f_2017_36 | | | | |
| Comment Code | | | | | |
| V8 : Environmental Requirements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 2 : SP_2018_NA0022_350_36_20180306_00027.jpg



Another view of the site.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.25 | Rating ** | A/W | Issue No. | 36 (cont) |
| LM End | 4.49 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : SP_2018_NA0022_350_36_20180306_00028.jpg



Fence, irrigation and stakes in the revegetation site.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----|---------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 415 | |
| LM End | 4.44 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.765142 ° | | 38.765142 ° |
| | | | | -121.690963 ° | | -121.690963 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31986 DS_ID:19530 EP_NO: 9409 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump station not found. Crossing appears to be abandon. Need to contact owner to determine status. Repair site on waterward side--waterward slope revegetated. FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 6.4 feet below the crown. Pump and control valve on the riverbank. Ramp on the landside (LS) slope. (Retention of a 16-inch pipe through the levee and a pump on the riverbank authorized under Automatic Board Order (ABO) issued as Permit No. 9409, 1974 - Clayton Russell). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 415 (cont) |
| LM End | 4.44 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31986_58442.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2018_31986_58439.jpg



Pipe through levee punctured visible on landward slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|------------|---------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 415 (cont) | |
| LM End | 4.44 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.765142 ° | | 38.765142 ° |
| | | | | -121.690963 ° | | -121.690963 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31986 DS_ID:19530 EP_NO: 9409 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump station not found. Crossing appears to be abandon. Need to contact owner to determine status. Repair site on waterward side--waterward slope revegetated. FIELD_STRUCT_DESC: 16-inch steel irrigation discharge pipe through the levee, 6.4 feet below the crown. Pump and control valve on the riverbank. Ramp on the landside (LS) slope. (Retention of a 16-inch pipe through the levee and a pump on the riverbank authorized under Automatic Board Order (ABO) issued as Permit No. 9409, 1974 - Clayton Russell). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31986_58441.jpg



View of waterward side.

| | | | | | |
|---------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 81 |
| LM End | 4.44 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.765079 ° | 38.765079 ° |
| | | | | -121.690887 ° | -121.690887 ° |
| DWR ID | DWR_NA0022_01_s_2015_81 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Fallen tree on waterside slope. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_81_20180306_00049.jpg



View of the dying tree on the waterward side of the levee looking downstream. Spring 2015.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.52 | Rating ** | U | Issue No. | 416 |
| LM End | 4.52 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.764248 ° | 38.764248 ° |
| | | | | -121.689918 ° | -121.689918 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:49983 DS_ID:19537 EP_NO: 18298 Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/13/2016 same as last inspection - hole is still present near siphon breaker. Dense vegetation present and limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)3/04/2014 Subsidence visible where siphon breaker is located on landward side. Unable to determine if subsidence is due to poor compaction or leak at siphon breaker. Need to contact owner to address issue. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 14-inch coated steel water pipe through the levee, 2 feet below the crown. Pump platform is supported by 6 pilings on the waterside (WS) slope. Siphon breaker and air release valve on the landside (LS) shoulder. Concrete distribution box on the LS toe. Rock riprap along the WS slope. (Permit No. 18298, 2007 - Heidrick, [permit not in database]). FS Date: 7/13/2016 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 4.52 | Rating ** | U | Issue No. | 416 (cont) |
| LM End | 4.52 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_49983_69573.jpg



View of LS--subsidence near levee crown.

Photo 2 of 3 : UCIP_SP_2018_49983_69572.jpg



Power pole with conduit line through levee.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 4.52 | Rating ** | U | Issue No. | 416 (cont) | |
| LM End | 4.52 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.764248 ° | 38.764248 ° | |
| | | | | -121.689918 ° | -121.689918 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:49983 DS_ID:19537 EP_NO: 18298 Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/13/2016 same as last inspection - hole is still present near siphon breaker. Dense vegetation present and limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)3/04/2014 Subsidence visible where siphon breaker is located on landward side. Unable to determine if subsidence is due to poor compaction or leak at siphon breaker. Need to contact owner to address issue. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 14-inch coated steel water pipe through the levee, 2 feet below the crown. Pump platform is supported by 6 pilings on the waterside (WS) slope. Siphon breaker and air release valve on the landside (LS) shoulder. Concrete distribution box on the LS toe. Rock riprap along the WS slope. (Permit No. 18298, 2007 - Heidrick, [permit not in database]). FS Date: 7/13/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_49983_69575.jpg



03 04 2014

Inside view of concrete box located on LS toe.

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.57 | Rating ** | M | Issue No. | 173 |
| LM End | 4.57 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.763800 ° | 38.763800 ° |
| | | | | -121.689177 ° | -121.689177 ° |
| DWR ID | DWR_NA0022_01_s_2017_173 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.62 | Rating ** | M | Issue No. | 136 |
| LM End | 4.62 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.763380 ° | 38.763380 ° |
| | | | | -121.688339 ° | -121.688339 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_136 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.66 | Rating ** | M | Issue No. | 3 |
| LM End | 4.86 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.763486 ° | 38.763313 ° |
| | | | | -121.687567 ° | -121.684038 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_3 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2009 - Erosion into the levee toe. Some cobbles have been dumped into the erosion pockets. 2010 - Old cobble site starting to unravel. 2012 - Slope continues to steepen and new animal holes. 2013 - Downstream cobble is unraveling. 2015: No observed changes. [2015 Site ID: SAC_85-4_R] | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_3_20180306_00002.jpg



USACE 2013 Photo #1

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.69 | Rating ** | U | Issue No. | 417 |
| LM End | 4.69 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.763087 ° | 38.763087 ° |
| | | | | -121.687125 ° | -121.687125 ° |
| DWR ID | | | | | |

| |
|--------------|
| Comment Code |
|--------------|

| |
|-------------------|
| Inspector Comment |
|-------------------|

FS_ID:52543

DS_ID:19531

EP_NO: 9408

Repair Type: Urgent

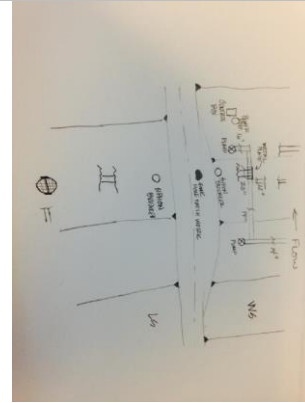
Crossing Status: Found

UCIP Comments: 10/24/2017 Received updated photos from DWR levee inspector, Z. Jojola, and the photos show some depression along LS slope. Road patch repair is still visible on levee road, recommend an internal integrity inspection of pipe to determine the condition through the levee and slopes. (DWR UCIP - O. Magana) 07/13/2016 Same as last inspection. Sink hole repair visible on levee road. Recommend contacting owner to determine if an internal integrity inspection of the pipe was completed to confirm sink hole was not the cause of the damage to road. If no internal integrity inspection was completed during road repair, recommend an internal integrity inspection be completed at this location based on the sink hole that developed along pipe alignment and based on age of pipe. (DWR UCIP - omagana)03/04/2014 Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 20-inch steel irrigation discharge pipe through the levee, 4.7 feet below the crown. Two slant pumps on the waterside (WS) slope. Steel protective housing unit on each shoulder. Ramp on the landside (LS) slope. (Retention of a 20-inch pipe through the levee with two pumps on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 9408, 1974 - Davidella, Grace, and Florence Hershey, Estates, care of LaBorde and Hoover). [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 7/13/2016

Photo 1 of 3 : UCIP_SP_2018_52543_58451.jpg



Plan view of crossing and appurtenances at CLM 4.692.

| | | | | |
|---|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.69 | Rating ** | U | Issue No. | 417 (cont) |
| LM End | 4.69 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.763087 ° | 38.763087 ° |
| | | | | -121.687125 ° | -121.687125 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:52543
DS_ID:19531
EP_NO: 9408
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/24/2017 Received updated photos from DWR levee inspector, Z. Jojola, and the photos show some depression along LS slope. Road patch repair is still visible on levee road, recommend an internal integrity inspection of pipe to determine the condition through the levee and slopes. (DWR UCIP - O. Magana) 07/13/2016 Same as last inspection. Sink hole repair visible on levee road. Recommend contacting owner to determine if an internal integrity inspection of the pipe was completed to confirm sink hole was not the cause of the damage to road. If no internal integrity inspection was completed during road repair, recommend an internal integrity inspection be completed at this location based on the sink hole that developed along pipe alignment and based on age of pipe. (DWR UCIP - omagana)03/04/2014 Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 20-inch steel irrigation discharge pipe through the levee, 4.7 feet below the crown. Two slant pumps on the waterside (WS) slope. Steel protective housing unit on each shoulder. Ramp on the landside (LS) slope. (Retention of a 20-inch pipe through the levee with two pumps on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 9408, 1974 - Davidella, Grace, and Florence Hershey, Estates, care of LaBorde and Hoover). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 7/13/2016

Photo 2 of 3 : UCIP_SP_2018_52543_58457.jpg



View of LS.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.69 | Rating ** | U | Issue No. | 417 (cont) |
| LM End | 4.69 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.763087 ° | 38.763087 ° |
| | | | | -121.687125 ° | -121.687125 ° |
| DWR ID | | | | | |

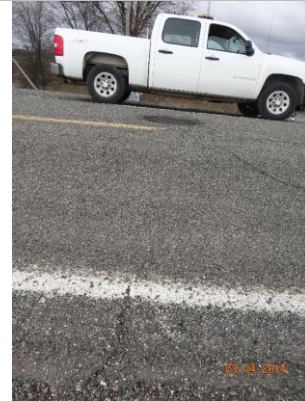
| Comment Code |
|--------------|
|--------------|

| |
|--|
| |
|--|

| Inspector Comment |
|-------------------|
|-------------------|

FS_ID:52543
DS_ID:19531
EP_NO: 9408
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/24/2017 Received updated photos from DWR levee inspector, Z. Jojola, and the photos show some depression along LS slope. Road patch repair is still visible on levee road, recommend an internal integrity inspection of pipe to determine the condition through the levee and slopes. (DWR UCIP - O. Magana) 07/13/2016 Same as last inspection. Sink hole repair visible on levee road. Recommend contacting owner to determine if an internal integrity inspection of the pipe was completed to confirm sink hole was not the cause of the damage to road. If no internal integrity inspection was completed during road repair, recommend an internal integrity inspection be completed at this location based on the sink hole that developed along pipe alignment and based on age of pipe. (DWR UCIP - omagana)03/04/2014 Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 20-inch steel irrigation discharge pipe through the levee, 4.7 feet below the crown. Two slant pumps on the waterside (WS) slope. Steel protective housing unit on each shoulder. Ramp on the landside (LS) slope. (Retention of a 20-inch pipe through the levee with two pumps on the WS berm authorized under Automatic Board Order (ABO) issued as Permit No. 9408, 1974 - Davidella, Grace, and Florence Hershey, Estates, care of LaBorde and Hoover). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 7/13/2016

Photo 3 of 3 : UCIP_SP_2018_52543_58456.jpg



View of levee crown. Signs of sink hole repair along pipe alignment.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.76 | Rating ** | C | Issue No. | 174 |
| LM End | 4.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.762881 ° | 38.763060 ° |
| | | | | -121.685899 ° | -121.683899 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_174 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.87 | Rating ** | M | Issue No. | 137 |
| LM End | 4.91 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.763066 ° | 38.763158 ° |
| | | | | -121.683934 ° | -121.683155 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_137 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.87 | Rating ** | M | Issue No. | 175 |
| LM End | 4.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.763065 ° | 38.763065 ° |
| | | | | -121.683839 ° | -121.683839 ° |
| DWR ID | DWR_NA0022_01_s _ 2017_175 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.03 | Rating ** | M | Issue No. | 139 |
| LM End | 5.03 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.762541 ° | 38.762541 ° |
| | | | | -121.681197 ° | -121.681197 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_139 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove willows. | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.07 | Rating ** | M | Issue No. | 140 |
| LM End | 5.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.762163 ° | 38.762163 ° |
| | | | | -121.680674 ° | -121.680674 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_140 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.11 | Rating ** | M | Issue No. | 141 |
| LM End | 5.13 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.761632 ° | 38.761435 ° |
| | | | | -121.680132 ° | -121.679986 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_141 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.15 | Rating ** | C | Issue No. | 142 |
| LM End | 5.21 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.761251 ° | 38.760518 ° |
| | | | | -121.679849 ° | -121.679041 ° |
| DWR ID | DWR_NA0022_01_s _ 2016_142 | | | | |
| Comment Code | | | | | |
| T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.18 | Rating ** | M | Issue No. | 85 |
| LM End | 5.18 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 38.760861 ° | 38.760861 ° |
| | | | | -121.679476 ° | -121.679476 ° |
| DWR ID | DWR_NA0022_01_s _ 2018_85 | | | | |
| Comment Code | | | | | |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.19 | Rating ** | M | Issue No. | 100 |
| LM End | 5.19 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 38.760703 ° | 38.760703 ° |
| | | | | -121.679320 ° | -121.679320 ° |
| DWR ID | DWR_NA0022_01_f _ 2015_100 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.28 | Rating ** | M | Issue No. | 145 |
| LM End | 5.46 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.760056 ° | 38.759687 ° |
| | | | | -121.677844 ° | -121.674623 ° |
| DWR ID | DWR_NA0022_01_f_2016_145 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_145_20180306_00075.jpg



Fence on WS slope near levee crown. Fall inspection 10/07/2016.

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.28 | Rating ** | M | Issue No. | 144 |
| LM End | 5.46 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.760047 ° | 38.759687 ° |
| | | | | -121.677828 ° | -121.674620 ° |
| DWR ID | DWR_NA0022_01_f_2016_144 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_144_20180306_00074.jpg



Fence on LS slope near levee crown. Fall inspection 10/07/2016.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.29 | Rating ** | M | Issue No. | 127 |
| LM End | 5.29 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.760013 ° | 38.759997 ° |
| | | | | -121.677758 ° | -121.677724 ° |
| DWR ID | DWR_NA0022_01_f_2016_127 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--|---|--|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | | A : Acceptable | | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | | En : Enforcement | |
| | | N : Not Inspected/Rated | | | |
| | | C : Corrected | | | |
| | | A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.47 | Rating ** | M | Issue No. | 418 |
| LM End | 5.47 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.759678 ° | 38.759678 ° |
| | | | | -121.674492 ° | -121.674492 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:31927 DS_ID:19532 EP_NO: 3811 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm is crossing is still in use. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 3.6 feet below the crown. Pump at the waterside (WS) toe on the riverbank. Standard cutoff wall around the pipe at the center of the levee. Standpipe at the landside (LS) toe. Siphon breaker on the LS shoulder. This crossing replaces the previous USACE O&M irrigation pipe referenced at Station 27+49. (Plans to replace a pump, suction pipe, and discharge pipe of an existing pump on the bank authorized under Permit No. 3811, 1962 - Gus Inglin, care of E. E. Luehdoerff Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 27+49)]. FS Date: 3/4/2014 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 5.47 | Rating ** | M | Issue No. | 418 (cont) |
| LM End | 5.47 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_SP_2018_31927_58332.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2018_31927_58331.jpg



Rip rap along waterward slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.47 | Rating ** | M | Issue No. | 418 (cont) | |
| LM End | 5.47 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.759678 ° | 38.759678 ° | |
| | | | | -121.674492 ° | -121.674492 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:31927 DS_ID:19532 EP_NO: 3811 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm is crossing is still in use. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 3.6 feet below the crown. Pump at the waterside (WS) toe on the riverbank. Standard cutoff wall around the pipe at the center of the levee. Standpipe at the landside (LS) toe. Siphon breaker on the LS shoulder. This crossing replaces the previous USACE O&M irrigation pipe referenced at Station 27+49. (Plans to replace a pump, suction pipe, and discharge pipe of an existing pump on the bank authorized under Permit No. 3811, 1962 - Gus Inglin, care of E. E. Luhdorff Company). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 127, June 1953, (Station 27+49)]. FS Date: 3/4/2014 | | | | | | |

Photo 3 of 3 : UCIP_SP_2018_31927_58335.jpg



Pipe visible on waterward toe.

| | | | | | |
|-------------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.50 | Rating ** | M | Issue No. | 1 |
| LM End | 5.54 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.759620 ° | 38.759412 ° |
| | | | | -121.673903 ° | -121.673167 ° |
| DWR ID | DWR_NA0022_01_s_2012_1 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_1_20180306_00001.jpg



The house and landscape are in the easment of the levee. Fall 2011

| | | | | | |
|--|--|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.50 | Rating ** | M | Issue No. | 82 |
| LM End | 5.50 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.759594 ° | 38.759594 ° |
| | | | | -121.673860 ° | -121.673860 ° |
| DWR ID | DWR_NA0022_01_s_2015_82 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| A tree fell over on the waterward side of the levee. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_82_20180306_00050.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.50 | Rating ** | M | Issue No. | 148 |
| LM End | 5.69 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.759604 ° | 38.758583 ° |
| | | | | -121.673852 ° | -121.670643 ° |
| DWR ID | DWR_NA0022_01_f_2017_148 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.51 | Rating ** | M | Issue No. | 143 |
| LM End | 5.51 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.759529 ° | 38.759529 ° |
| | | | | -121.673670 ° | -121.673670 ° |
| DWR ID | DWR_NA0022_01_s_2016_143 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.55 | Rating ** | M | Issue No. | 147 |
| LM End | 5.70 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.759366 ° | 38.758528 ° |
| | | | | -121.673027 ° | -121.670497 ° |
| DWR ID | DWR_NA0022_01_f_2016_147 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.56 | Rating ** | M | Issue No. | 83 |
| LM End | 5.56 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.759339 ° | 38.759339 ° |
| | | | | -121.672863 ° | -121.672863 ° |
| DWR ID | DWR_NA0022_01_s_2015_83 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| Prunings and fallen tree are on the waterward side of the levee. | | | | | |

Photo 1 of 1 : SP_2018_NA0022_350_83_20180306_00051.jpg



View of the tree and tree limbs on the waterward side of the levee looking downstream. Spring 2015.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.61 | Rating ** | M | Issue No. | 86 |
| LM End | 5.63 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.759128 ° | 38.759052 ° |
| | | | | -121.671913 ° | -121.671610 ° |
| DWR ID | DWR_NA0022_01_s_2018_86 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.67 | Rating ** | M | Issue No. | 4 |
| LM End | 5.85 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.759000 ° | 38.759390 ° |
| | | | | -121.670759 ° | -121.667500 ° |
| DWR ID | DWR_NA0022_01_s_2017_4 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015: Site extended upstream about 500 ft to account for eroding bank. [2015 Site ID: SAC 83-9 R] | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 5.67 | Rating ** | M | Issue No. | 4 (cont) |
| LM End | 5.85 | Issue Type + | Ma | Location * | WS |

Photo 1 of 3 : SP_2018_NA0022_350_4_20180306_00003.jpg



USACE 2013 Photo #1

Photo 2 of 3 : SP_2018_NA0022_350_4_20180306_00004.jpg



USACE 2013 Photo #2

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

Yolo County Service Area 6

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | | |
|-------------------------------------|-------------------------|--------------|-----|------------------------|---------------|-----|
| LM Start | 5.83 | Rating ** | A/W | Issue No. | 84 (cont) | |
| LM End | 5.83 | Issue Type + | Ob | Location * | WS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Erosion / Bank Caving | | | 38.758960 ° | 38.758960 ° | |
| | | | | -121.668200 ° | -121.668200 ° | |
| DWR ID | DWR_NA0022_01_s_2015_84 | | | | | |
| Comment Code | | | | | | |
| E1 : Note and monitor erosion site. | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |

Photo 2 of 3 : SP_2018_NA0022_350_84_20180306_00053.jpg



View of the erosion on the waterward side of the levee looking upstream. Fall 2015.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 5.83 | Rating ** | A/W | Issue No. | 84 (cont) |
| LM End | 5.83 | Issue Type + | Ob | Location * | WS |

Photo 3 of 3 : SP_2018_NA0022_350_84_20180306_00054.jpg



View of the erosion on the waterward side of the levee looking downstream. Fall 2015.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Yolo County Service Area 6

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---|-------|------------|--------------------------|-------------|
| Unit No. 01 Right Bank of Sacramento River at Knights Landing | Right | 5.87 | 03/15/2018 03/15/2018 | Zach Jojola |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|-----|
| LM Start | 5.85 | Rating ** | A/W | Issue No. | 57 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 38.759100 ° | ° |
| | | | | -121.667964 ° | ° |
| DWR ID | DWR_NA0022_01_f_2017_57 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description:Immediately U.S. of Fremont Weir | | | | | |
| Site ID No:490 | | | | | |
| Site Designation:LMA-328 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Serious | | | | | |
| Field Date:7/27/2017 | | | | | |
| Notes: wide crown. Erosion not in prism. May be a new erosion pocket, but need to compare to fsrp data. Old veg still present. | | | | | |

Photo 1 of 1 : LEVAL_SP_2018_490_4925.jpg



* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement